# Soil Water Holding Capacity

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Record Data and Observations in the table below

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Soil Type** | **Amount of soil** | **Amount of water added** | **Time** | **Amount of water that drained through** |
| Clay |  |  |  |  |
| Silt |  |  |  |  |
| Sand |  |  |  |  |
| Potting Soil |  |  |  |  |

## Respond to the Questions Below

1. Which soil retained or held the most water? Why?
2. Which soil retained or held the least water? Why?
3. Potting soil is not really soil. It is made up of mostly organic matter (like peat moss and bark) and perlite, a heat-puffed volcanic glass. How does potting soil compare to actual soils with regards to holding water?